

# CLASS I BIOLOGICAL SAFETY CABINET



# CLASS I BIOLOGICAL SAFETY CABINET

It is widely used in microbiological work and research purposes in the field of genetics. HEPA Filter protects environment from contamination by filtering air before it is exhausted. Due to its low noise and high energy efficiency feature, the operational cost becomes less.

Used in Microbiological, Laboratory, Genetics, Cell Biology, Molecular Biology, Plant, Animal Cell culturing, Research. Also known as Class I BSC, Biosafety Cabinet.

## BSC11 CLASS I BIOLOGICAL SAFETY CABINET

Stainless Steel 304 table for operation

HEPA Filter protects environment by filtering air before it is exhausted

UV lamp for sterilization

Soft touch control panel with LCD display

Stable air flow system providing personnel and environmental protection

Negative air pressure provides personnel protection by constant movement of air in working area

Low noise and high energy efficiency for operational cost savings



## SPECIFICATIONS

Model	BSC11-540	BSC11-680	BSC11-800	BSC11-968
Type	Class I			
HEPA Filter	1			
HEPA Filter Efficiency	99.999% efficiency at 0.3 $\mu$ m			
Air Flow Velocity	> 0.3m/s	0.75 ~ 1.0 m/s	> 0.3m/s	0.75 ~ 1.0 m/s
Minimum Face Velocity	75 linear feet per minute (lfpm)			
LED Lamp	15Wx1	18Wx1	8Wx1	21Wx2
UV Lamp	15Wx1	20Wx1		
Work Surface Height	Benchtop Type			740 mm
Inner Dimension (WxDxH)	540x385x440 mm	680x540x500 mm	800x635x600 mm	968x695x630 mm
Overall Dimension (WxDxH)	550x395x730 mm	700x550x900 mm	900x713x1250 mm	1100x695x1924 mm
Package Size	710x550x950 mm	870x720x1170 mm	1060x870x1440 mm	1270x880x2230 mm
Chamber Material	Poly Methyl Methacrylate (PMMA)		Cold-rolled steel coated with anti-bacteria powder	
Noise Level	$\leq$ 60 dB	$\leq$ 55 dB	$\leq$ 60 dB	$\leq$ 67 dB
Weight	40 kg	60 kg	100 kg	150 kg
Power	150 W	$\leq$ 160 W	$\leq$ 400 W	$\leq$ 350 W
Power Supply	AC220V $\pm$ 10%,50/60Hz;110V $\pm$ 10%,60Hz			
Caster	-	-	-	Universal Wheel

## ACCESSORIES

Accessory Code	Name	Description	For Models
LS53467	Fluorescent Lamp		All
LS53479	UV Lampx2		All
LS53491	Base Stand		BSC11-968

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	External Dimension	Package Size (mm)
LS53006	Infrared Sterilizer		150x95x210 mm	
LS53018	Airflow Tester			
LS53030	Formalin Fumigation Sterilizer			300x200x160 mm
LS53042	Ammonium Hydrogen Carbonate Neutralizer			300x200x160 mm
LS53054	Armrest			
LS53066	Laboratory Chair			
LS53078	Dust Particle Counter			
LS53090	Digital Sound Level Meter			
LS53102	Illumination Meter			
LS53114	Air Flow Anemometer			
LS53126	Protective Garment			
LS53138	Protective Gloves			



BSC11-540



BSC11-680



BSC11-800



BSC11-968



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)